

# PART 1

## FOREWORD

### ADVANCE NOTICES

In order that mariners may have advance knowledge of proposed changes to existing facilities to be provided, additions, deletions and changes to such facilities under the jurisdiction of the Fisheries and Oceans Canada are listed hereunder. Effective dates of changes and dates for the commissioning of new facilities are, however, extremely hard to forecast owing to difficulties in obtaining materials and subject to the provision of necessary funds. Every effort will be made to amend dates as far in advance as possible. In every case of changes to facilities and commissioning new facilities, an appropriate Notice to Mariners will be issued.

#### 1) Tsunami Warning Bulletin Broadcasts

**Tsunami Warning Bulletins** will be broadcast when necessary at MCTS Centres along the Atlantic Coast, in the Quebec, Maritimes and Newfoundland and Labrador Regions. Upon receipt from Environment Canada, **Tsunami Warnings** for a given area will be broadcast and re-broadcast every 30 minutes thereafter until cancelled. The two-tone Radiotelephone Alarm Signal will be transmitted prior to the initial call to announce the Tsunami.

Vessels sighting or becoming aware of any Tsunami conditions are requested to forward this information to the nearest MCTS Centre as they occur.

#### 2) Implementation of VHF/DSC on the Great Lakes

The Canadian Coast Guard's Marine Communications and Traffic Services are in the process of installing VHF Digital Selective Calling (VHF/DSC) equipment at Prescott, Sarnia and Thunder Bay MCTS Centers. As each of the above mentioned MCTS Centres has the VHF/DSC equipment installed, it will be promulgated by means of a Notice to Shipping and a Notice to Mariners. As of June 1, 2007, the VHF/DSC systems at the above mentioned MCTS Centres will be declared as being "**Initial Operational Condition (IOC)**" and as of September 1, 2007, the systems will be in a "Full Operational Condition (FOC)".

#### 3) Global Maritime Distress and Safety System (GMDSS)

**GMDSS service availability has been noted on the individual MCTS Centre listings, Part 2.** Canadian Coast Guard MCTS Centres will continue to monitor CH 16 for distress, urgency, safety and calling purposes for the foreseeable future.

#### 4) Important Safety Notice concerning VHF/DSC

After having received a distress, urgency or safety broadcast announcement on VHF/DSC Channel 70 the VHF/DSC equipment will automatically switch the DSC radio to VHF Channel 16 for the subsequent voice announcements. Mariners who are required by the *VHF Practices and Procedures Regulations* to monitor a specific VTS sector frequency should return the radio to the appropriate working frequency after determining, on Channel 16, the impact of the VHF/DSC alert broadcast announcement on their vessel's' operations.

It has been determined that vessels maintaining a listening watch on a VTS sector frequency, per the requirements of the *VTS Zones Regulations* may, if navigating in congested waters, temporarily discontinue DSC watchkeeping on VHF/DSC Channel 70 until the required manoeuvre has been completed.

Vessels inadvertently or accidentally transmitting a distress/urgency/safety broadcast on VHF/DSC must cancel the distress/urgency/safety broadcast on VHF Channel 16. Intentionally sending a false distress alert carries penalties under both the *Canada Shipping Act* and the *Radiocommunication Act*.

VHF/DSC equipment must be programmed with the correct Maritime Mobile Service Identity (MMSI) numbers (reference Radio Station licensing and MMSI numbers section in Part 4 also reference page 1-9 for the MCTS Centres' MMSI numbers).

**5) *The Commercial Public Correspondence Service***

The cessation of the Canadian Coast Guard commercial public correspondence service has commenced as of December 31, 1999, in **selected areas**, based upon the demand for the service and the availability of alternate service delivery methods.

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**IT IS EMPHASIZED THAT THE CANADIAN COAST GUARD WILL  
CONTINUE TO PROVIDE DISTRESS AND SAFETY SERVICES**  
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**6)  Pre-Arrival Information Report (PAIR) SEE SECTION 4**

**7)  *Automatic Identification System (AIS) - Installation of AIS equipment at MCTS Centres in Eastern Canada.***

The Canadian Coast Guard's Marine Communications and Traffic Services have installed automatic identification system (AIS) equipment at selected radio sites associated with MCTS Centres (St John's, Placentia Bay, Halifax, Les Escoumins, Quebec, Montreal and Sarnia) for testing purposes. The AIS equipment is in "**Operational on Test**" Status. Therefore mariners may observe on their AIS display an AIS ICON identifying a shore base station. If you need more information contact the above MCTS Centres.

Additional information regarding the implementation of the National AIS infrastructure will be provided when the system is operational.

**8) *Information on Withdrawal of INMARSAT-A Services by INMARSAT Ltd.***

Mariners should take note of the following information provided by the International Maritime Organization (IMO) in MSC Circular 1076.

Inmarsat-A is the original analogue service provided via the Inmarsat satellites and was first introduced in 1982. The last type-approval by Inmarsat for a new model of maritime Inmarsat-A ship earth station (SES) was granted in 1991. No new Inmarsat-A SES models have been type-approved since then.

Although Inmarsat-A SESs are approved for fitting in ships as part of their GMDSS equipment the communication capabilities provided by Inmarsat-A SESs are now provided more efficiently and effectively by other types of digital Inmarsat terminals, and the number of Inmarsat-A terminals that remain in use on board ships is declining rapidly.

Bearing in mind the efforts being made by the International Telecommunication Union (ITU) to promote the more efficient use of spectrum and the requirement for Inmarsat Ltd. to hand back to the ITU the Country Codes used for Inmarsat-A services before 2009, Inmarsat Ltd. is planning to launch new satellites within this time frame which will not be able to support Inmarsat-A services.

Inmarsat Ltd had formerly indicated that 5-years notice would be given for the withdrawal of **Inmarsat-A** services and has now informed the Organization that these **services will be withdrawn on 31 December 2007.**

Mariners should thus plan accordingly in order to ensure maritime communications requirements for their particular vessel are addressed beyond this date.

9) *Discontinuation of 121.5/243 MHz Distress Beacon Monitoring by the CORPASS-SARSAT Satellite Constellation.*

Cospas-Sarsat is the international organization that operates a series of satellites in low altitude and geostationary orbits for search and rescue. In response to recommendations from the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO), the Council of Cospas-Sarsat announced at its October 2000 meeting in Laval, Québec that it will be phasing out satellite processing of distress beacons operating in the 121.5/243 MHz range and encouraging users to **adopt 406 MHz beacons by 2009** at the latest, as this is when the switch-over will be completed.

Three types of distress beacons are in use: emergency locator transmitters (ELTs), used on aircraft; emergency position indicating radio beacons (EPIRBs), used on vessels; and personal locator beacons (PLBs), used by land-based personnel.

The impact of this change should be negligible aboard Canadian vessels as there are no 121.5 MHz marine EPIRBs that have a valid technical acceptance certificate (TAC) under the *Radiocommunication Act*. Therefore, it is illegal for anyone to sell or fit such an EPIRB in Canada or aboard a Canadian vessel. Only those Cospas-Sarsat EPIRBs transmitting on 406 MHz are approved for use in Canada and these units will not be impacted by this change in satellite detection.

➡ The use of 406 MHz distress beacons over the 121.5/243 MHz distress beacons will minimize the problems with false alerts being received by rescue coordination centres. Since its inception in 1982 the Cospas-Sarsat System has provided distress alert information which has assisted in the rescue of over 18,865 persons in 5,317 distress situations.

➡ Mariners are encouraged to fit float-free EPIRBs and **register** their Cospas-Sarsat 406 MHz EPIRBs free-of-charge with the Canadian Beacon Database by telephone 1-800-727-9414, by facsimile 613-996-3746, or on the web at [www.nss.gc.ca/site/cospas-sarsat/emergencyBeacon\\_e.asp](http://www.nss.gc.ca/site/cospas-sarsat/emergencyBeacon_e.asp)

**IMPORTANT !  
DON'T FORGET TO REGISTER YOUR EPIRB  
IT COULD SAVE YOUR LIFE**

➡ *Discontinuation of INMARSAT 'E' EPIRB monitoring service as of December 1, 2006.*

➡ Inmarsat announced that they discontinued their monitoring service of INMARSAT ' E ' EPIRB distress alerts as of **December 1, 2006**. Mariners should check with INMARSAT for exchange of any currently held INMARSAT ' E ' EPIRBs. Further, mariners should only purchase and fit COSPAS-SARSAT 406 MHz EPIRBs from now on.

10) ➡ **AVOID Collision with Right Whales.**

North Atlantic right whales are the most endangered large whale in the world, about 350 remain. They are slow swimmers, seldom moving faster than 3-5 knots. They may stay submerged for 10 to 20 minutes and are seen alone or in small groups. If you spot one right whale, there may be more in the area. Please report all sightings of right whales in Canada to the Canadian Coast Guard via VHF channel 16 and in the Bay of Fundy contact Fundy Traffic VHF channel 14. They are difficult to see and might be oblivious to vessels – Please avoid approaching them closely. For more details, visit: [http://www.especeenperil.gc.ca/search/speciesDetails\\_e.cfm?SpeciesID=780](http://www.especeenperil.gc.ca/search/speciesDetails_e.cfm?SpeciesID=780)



**CANADIAN MARITIME MOBILE SAFETY & PUBLIC CORRESPONDENCE COMMUNICATION FREQUENCIES**

The frequencies listed on the next few pages are those in general use by ships in Canadian waters for intership communications and for ship/shore communications with MCTS Centres operated by the Canadian Coast Guard.

Part 2 of this publication contains individual listings for MCTS Centres operated by the Canadian Coast Guard, giving details of the communication and special services provided to ships.

In this frequencies list, the geographical areas of use are as follows:

- (1) Newfoundland and Labrador
- (2) Atlantic Coast, Gulf and St. Lawrence River up to and including Montreal
- (3) Great Lakes (including St. Lawrence above Montreal)
- (4) Eastern Arctic

Frequencies		Channe l	Type of Emission	Areas Used	Remarks
Ship kHz	Coast kHz				
	490		F1B	1, 2, 3, 4	NAVTEX Service (French)
	518		F1B	1, 2, 3, 4	NAVTEX Service (English)
2003			J3E	2	Intership (Lower St. Lawrence River to West Point, Anticosti Island)
2118	2514		J3E	1, 2, 4	Public correspondence
2134			J3E	1, 2	Intership (fishing vessels only)
2158	2550		J3E		Public correspondence (U.S. vessels only)
2182	2182		J3E	1, 2, 4	International distress and calling.
2206	2582		J3E	1, 2, 4	Public correspondence
 2237			J3E	1, 2	Intership (other than fishing vessels)
	2598		J3E	1, 2	Weather and NOTSHIP broadcasts
2638			J3E	1, 2	Intership (shared with U.S. vessels)
2738			J3E	1, 2	Intership (shared with U.S. vessels)
2815	2530		J3E	2	Public correspondence
	2749		J3E	2	Weather and NOTSHIP broadcasts
	3253		J3C	4	Radio facsimile (Iqaluit)
3023	3023		J3E	1, 2, 3, 4	International SAR On-Scene (Aircraft/Vessels)
4071	4363	403	J3E	4	Public correspondence
4083	4375	407	J3E	1, 2, 4	Public correspondence
4084.7	4379.1	408	J3E	1, 2	Public correspondence
4100.2	4394.6	413	J3E	1, 2	Public correspondence
4116	4408	418	J3E	1, 2	Public correspondence
4125	4125		J3E	1, 2, 3, 4	Distress and Safety including Search and Rescue (aircrafts/vessels)
4175.5	4213.5		F1B	2	Radioteletype
4177.5	4177.5		F1B	4	Narrow Band Direct Printing (NBDP)
4207.5	4207.5		F1B	4	Alerting frequency (DSC)
	4416		J3C	2	Radio facsimile (Sydney)
5680	5680		J3E	1, 2, 3, 4	International SAR On-Scene (Aircraft/Vessels)
6206	6507	603	J3E	1, 2, 4	Public correspondence
6212	6513	605	J3E	1, 2, 4	Public correspondence
6215	6215		J3E	4	International distress and calling
6266	6317.5		F1B	2	Radioteletype
6268	6268		F1B	4	Narrow Band Direct Printing (NBDP)
6312	6312		F1B	4	Alerting frequency (DSC)
	6915.1		J3C	2	Radio facsimile (Sydney)
	7710		J3C	4	Radio facsimile (Iqaluit)
8228	8752	812	J3E	1, 2, 4	Public correspondence

Frequencies		Channel	Type of Emission	Areas Used	Remarks
Ship kHz	Coast kHz				
8261	8785	823	J3E	1, 2	Public correspondence
8267	8791	825	J3E	1, 2, 4	Public correspondence
8291	8291		J3E	4	International distress and calling
8355.5	8716.5		F1B	2	Radioteletype
8376.5	8376.5		F1B	4	Narrow Band Direct Printing (NBDP)
8379.5	8419.5		F1B	1, 2	Radioteletype
8414.5	8414.5		F1B	4	Alerting frequency (DSC)
12230	13077	1201	J3E	1, 2, 4	Public correspondence
12266	13113	1213	J3E	1, 2	Public correspondence
12290	12290		J3E	4	International distress and calling
12496	12598.5		F1B	2	Radioteletype
12520	12520		F1B	4	Narrow Band Direct Printing (NBDP)
12577	12577		F1B	4	Alerting frequency (DSC)
16369	17251	1604	J3E	1, 2	Public correspondence
16420	16420		J3E	4	International distress and calling
16562.3	17335.2	1634	J3E	1, 2	Public correspondence
16695	16695		F1B	4	Narrow Band Direct Printing (NBDP)
16698.5	16821.5		F1B	2	Radioteletype
16804.5	16804.5		F1B	4	Alerting frequency (DSC)
22037.2	22633.2	2213	J3E	2	Public correspondence
22313	22405		F1B	2	Radioteletype

Frequencies		Channel	Type of Emission	Areas Used	Remarks
Ship MHz	Coast MHz				
156.300		06	F3E	1, 2, 3, 4	Intership, Safety, International SAR On-Scene (Aircraft/Vessels)
156.400		08	F3E	1, 2, 3, 4	Intership, Safety (2nd choice)
156.450	156.45	09	F3E	2	Intership
156.500	156.500	10	F3E	2	Intership
156.525	156.525	70	G2B	1, 2, 3, 4	Exclusively for digital selective calling (DSC) for distress, safety and calling
156.550	156.550	11	F3E	2, 3	Vessel Traffic Services & Pilotage
156.575	156.575	71	F3E	2	Vessel Traffic Services
156.600	156.600	12	F3E	2, 3	VTS/Port Operations/Pilotage
156.650	156.650	13	F3E	2, 3	Bridge to Bridge navigational traffic
156.700	156.700	14	F3E	2, 3	VTS/Port Operations/Pilotage
156.800	156.800	16	F3E	1, 2, 3, 4	International distress, safety and calling
	161.650	21B	F3E	1, 2, 3	Weather and NOTSHIP broadcasts
156.925	156.925	78A	F3E	1, 2, 3, 4	Intership for Fishing vessels
157.100	157.100	22A	F3E	1, 2, 3	Ship and Canadian Coast Guard liaison
	161.750	23B	F3E	1, 3	Weather and NOTSHIP broadcasts
157.200	161.800	24	F3E	2, 3	Public correspondence
157.275	161.875	85	F3E	2, 3	Public correspondence
157.300	161.900	26	F3E	1, 2, 3, 4	Public correspondence
157.350	161.950	27	F3E	2, 3	Public correspondence
157.375	161.975	87	F3E	2	Public correspondence
157.425	162.025	88	F3E	2, 3	Public correspondence
	161.775	83B	F3E	3	Weather and NOTSHIP broadcasts
	161.85	25B	F3E	3	Weather and NOTSHIP broadcasts
	162.000	28B	F3E	3	Weather and NOTSHIP broadcasts

**Notes reference VHF**

- (a) "A" following a channel number means Simplex Operation on the ship station transmitting frequency.
- (b) "B" following a channel number means ship stations receive only on the higher coast station transmission frequency.

### **GENERAL INFORMATION ON MCTS CENTRE LISTINGS**

(1) Frequencies enclosed in brackets are in MHz. Other frequencies are in kHz.

(2) **Receiving frequencies printed in bold type are continuously monitored by MCTS Centres.**


(3) The numbered areas mentioned in the remarks column of centres providing communications and special services are shown on the Marine Weather Forecasts maps, and are listed in detail under the heading “Weather Forecast Areas” in Part 5.

(4) Frequencies for which the J3E single sideband modes of emission are shown in the MCTS Centre listings are designated by the carrier frequencies. The assigned frequencies are 1.4 kHz higher than the carrier frequencies listed. (This note also applies to the medium and high radiotelephone frequencies listed in the “Canadian Maritime Mobile Safety and Public Correspondence Communication Frequencies” section).

### **Legend for MCTS Centre Listings**

BC	Broadcast
C	Continuously Operating Radiobeacon
CMB	Continuous Marine Broadcast
DF	Direction Finding
F1B	Radioteletype
F3E	Radiotelephony, Frequency Modulation
G2B	Phase modulation, digital information, automatic reception
H+	This symbol followed by a number indicates minutes past the hour
J3C	Facsimile - Single-sideband, Suppressed Carrier
J3E	Radiotelephony Single-sideband, Suppressed Carrier
MCTS	Marine Communications and Traffic Services
MMSI	Maritime Mobile Service Identity Numbers
NAVTEX	Reference Part 4 for NAVTEX ID Codes
NBDP	Narrow Band Direct Printing
SC	Ship Control (Canal and Locks operations)
SS	Ship/Shore – is an indicator for ship to shore communication and shore to ship communication
TS	Time Signals
UTC	Indicates Coordinated Universal Time. (For practical purposes, UTC is equivalent to GMT)
*	Indicates that on this frequency, facilities are available for connecting ships directly to the commercial telephone system on shore
#	Indicates that broadcasts are made simultaneously on these frequencies
◆	VHF Direction-Finding service is available
☉	Indicates change or addition since last complete Edition

**TELEPHONE/FACSIMILE/TELEX DIRECTORY**

<i>SERVICE</i>	<i>TELEPHONE NUMBER</i>	<i>FACSIMILE NUMBER</i>	<i>TELEX NUMBER</i>	<i>ANSWER BACK CODE</i>
<b>MCTS CENTRE</b>				
HALIFAX, N.S. (VCS)	902-426-9750	902-426-4483	019-22510	CCG MRHQ DRT
IQALUIT*, NU (VFF)	867-979-5269	867-979-4264		
LABRADOR (Goose Bay) N.L.(VOK)	709-896-2252	709-896-8455		
LES ESCOUMINS*, Que. (VCF)	418-233-2194	418-233-3299		
MONTREAL*, Que. (VFN)	450-928-4544	450-928-4547		
PLACENTIA, N.L. (VCP)	709-227-2181 709-227-2182	709-227-5637	016-4530	CCGTC SNF
PORT AUX BASQUES*, N.L. (VOJ)	709- 695-2167	709-695-7784		
PRESCOTT*, Ont. (VBR)	613-925-4471	613-925-4519		
QUÉBEC*, Que. (VCC)	418-648-4427	418-648-7244		
RIVIÈRE-AU-RENARD*, Que. (VCG)	418-269-5686	418-269-5514		
SAINT JOHN*, (Fundy) N.B. (VAR)	506-636-4696 1 888 528-6444	506-636-5000	019-22510	CCG MRHQ DRT
SARNIA, Ont. (VBE)	519-336-4003	519-336-0229		
ST. ANTHONY, N.L. (VCM)	709-454-3852	709-454-3716		
ST. JOHN'S, N.L. (VON)	709-772-2106 709-772-2106	709-772-5369	016-4530	CCGTC SNF
SYDNEY*, N.S. (VCO)	902-564-7751 1-800-686 8676	902-564-7662	01922510	CCG MRHQ DRT
THUNDER BAY, Ont (VBA)	807-345-5190	807-345-2688		
<b>ECAREG CANADA</b>				
DARTMOUTH, N.S.	902-426-4956	902-426-4483	019-22510	CCG MRHQ DRT
RIVIÈRE-AU-RENARD*, Que	418-269-3843	418-269-5514		
ST. JOHN'S, N.L.	709-772-2106 709-772-2083	709-772-5369	016-4530	CCGTC SNF
<b>NORDREG CANADA</b>				
 IQALUIT, NU.	867-979-5724	867-979-4264	063-15529	NORDREG CDA


<b>JOINT RESCUE COORDINATION CENTRE (JRCC) /MARITIME RESCUE SUB-CENTRE (MRSC)</b>				
HALIFAX, N.S. (JRCC)	902-427-8200 1-800-565-1582	902-427-2114	584331699943 VIA INMARSAT B AOR-W	
QUÉBEC*, Que. (MRSC)	418-648-3599 1-800-463-4393	418-648-3614		
ST. JOHN'S, N.L. (MRSC)	709-772-5151 1-800-563-2444	709-772-5369	581-331600063 (Telex- INMARSAT B – AOR East)	MRSC SNF
TRENTON, Ont. (JRCC)	613-965-3870 1-800-267-7270	613-965-7190	066-2282	
<b>ICE</b>				
DARTMOUTH, N.S.	902-426-5664	902-426-6073	019-22510	MOT ICE DRT
 IQALUIT, NU.	867-979-5724	867-979-4264	063-15529	NORDREG CDA
QUÉBEC, Que.	418-648-7290 418-648-2214	418-648-3614		
SARNIA, Ont.	519-383-1855	519-337-2498		
ST. JOHN'S, N.L.	709-772-2078	709-772-5369		
<b>WEATHER POLL</b>				
PRESCOTT, Ont.		613-925-0666		
*Services provided in English and French				

***REGIONAL OFFICE ADDRESSES (covering the East Coast, Eastern Arctic and Central Canada)***

Regional Superintendent  
Marine Communications and Traffic Services  
Fisheries and Oceans Canada,  
Canadian Coast Guard,  
P.O. Box 5667  
**ST. JOHN'S NL A1C 5X1**  
Telephone: 709-772-5119  
Facsimile: 709-772-5666

\*Regional Superintendent  
Marine Communications and Traffic Services  
Fisheries and Oceans Canada,  
Canadian Coast Guard,  
P.O. Box 1000, Parker Street  
**DARTMOUTH NS B2Y 3Z8**  
Telephone: 902-426-3797  
Facsimile: 902-426-6765

\*Regional Superintendent  
Marine Communications and Traffic Services  
Fisheries and Oceans Canada,  
Canadian Coast Guard,  
101, Champlain Boulevard  
**QUEBEC QC G1K 7Y7**  
Telephone: 418-648-5522  
Facsimile: 418-648-4877

 \*Regional Superintendent  
Marine Communications and Traffic Services  
Fisheries and Oceans Canada,  
Canadian Coast Guard,  
520, Exmouth Street  
**SARNIA ON N7T 8B1**  
Telephone: 519-383-1937  
Facsimile: 519-383-1991

***REGIONAL NOTICES TO SHIPPING (NOTSHIPS) ISSUING AUTHORITIES***

Fisheries and Oceans Canada,  
Canadian Coast Guard,  
St. John's MCTS Centre  
P.O. Box 5667  
**ST. JOHN'S NL A1C 5X1**  
Telephone: 709-772-2083 / 2106  
Facsimile: 709-772-5369

\*Fisheries and Oceans Canada,  
Canadian Coast Guard,  
Sydney MCTS Centre  
P.O. Box 8630  
**SYDNEY NS B1P 6K7**  
Telephone: 902-564-7751 or 1-800-686-8676  
Facsimile: 902-564-2446  
Email: [notshipssyd@mar.dfo-mpo.gc.ca](mailto:notshipssyd@mar.dfo-mpo.gc.ca)

\*Fisheries and Oceans Canada,  
Canadian Coast Guard,  
Regional Operations Centre (ROC)  
101 Champlain Boulevard  
**QUEBEC QC G17 7Y7**  
Telephone: 418-648-5410 / 4427  
Facsimile: 418-648-7244

\*Fisheries and Oceans Canada,  
Canadian Coast Guard,  
Sarnia MCTS Centre  
# 215 - 105 Christina Street  
**SARNIA ON N7T 7W1**  
Telephone: 519-337-6360 or 1-800-265-0237  
Facsimile: 519-337-2498

\*Fisheries and Oceans Canada,  
Canadian Coast Guard,  
Iqaluit MCTS Centre  
P.O. Box 189  
**IQALUIT NU X0A 0H0**  
Telephone: 867-979-5269  
Facsimile: 867-979-4264

\*Services provided in English and French